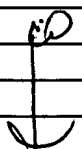
	FORM PTO-1449	ATTY. DOCKET NO. 1744.0920001	APPLICATION NO. 09/550,642
	SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS Sorrells et al.	
	FILING DATE April 14, 2000	GROUP 2634	

U.S. PATENT DOCUMENTS




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	AA						
	AB						
	AC						
	AD						
	AE						
	AF50	3,702,440	11/1972	Moore			
	AG50	3,767,984	10/1973	Shinoda et al.			
	AH50	3,852,530	12/1974	Shen			
	AI50	4,220,977	09/1980	Yamanaka			

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AJ						
	AK22	EP 0 643 477 A2 & A3	03/1995	EP			N/A
	AL22	EP 0 877 476 A1	11/1998	EP			N/A
	AM22	EP 0 977 351 A1	02/2000	EP			N/A

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN		
	AO		
	AP		
	AQ		
	AR	57	Tayloe, D., "A Low-noise, High-performance Zero IF Quadrature Detector/Preamplifier," <i>RF Design</i> , Primedia Business Magazines & Media, Inc., pp. 58, 60, 62 and 69 (March 2003).

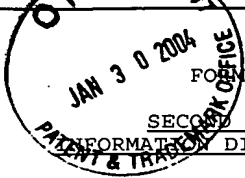
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DATE CONSIDERED

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	ATTY. DOCKET NO. 1744.0920001	APPLICATION NO. 09/550,642
	APPLICANTS Sorrells et al.	
	FILING DATE April 14, 2000	GROUP 2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
C	AA51	5,016,242	05/1991	Tang			
	AB51	5,937,013	08/1999	Lam et al.			
	AC51	6,014,551	01/2000	Pesola et al.			
	AD51	6,073,001	06/2000	Sokoler			
	AE51	6,085,073	07/2000	Palermo et al.			
	AF51	6,400,963 B1	06/2002	Glöckler et al.			
	AG51	6,230,000 B1	05/2001	Tayloe			
	AH51	5,483,695	01/1996	Pardoen			
	AI51	6,542,722 B1	04/2003	Sorrells et al.			

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
C	AJ23	WO 00/31659 A1	06/2000	PCT			N/A
C	AK23	JP 9-36664	02/1997	JP			No
	AL						
	AM						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

C	AN	58	Dines, J.A.B., "Smart Pixel Optoelectronic Receiver Based on a Charge Sensitive Amplifier Design," <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , IEEE, Vol. 2, No. 1, pp. 117-120 (April 1996).
	AO	58	Simoni, A. et al., "A Digital Camera for Machine Vision," <i>20th International Conference on Industrial Electronics, Control and Instrumentation</i> , IEEE, pp. 879-883 (September 1994).
	AP	58	Stewart, R.W. and Pfann, E., "Oversampling and sigma-delta strategies for data conversion," <i>Electronics & Communication Engineering Journal</i> , IEEE, pp. 37-47 (February 1998).
	AQ	58	Rudell, J.C. et al., "A 1.9-GHz Wide-Band IF Double Conversion CMOS Receiver for Cordless Telephone Applications," <i>IEEE Journal of Solid-State Circuits</i> , IEEE, Vol. 32, No. 12, pp. 2071-2088 (December 1997).
	AR	58	English-language Abstract of Japanese Patent Publication No. 09-036664, from http://www1.ipdl.jpo.go.jp , 2 Pages (February 7, 1997 - Date of publication of application).

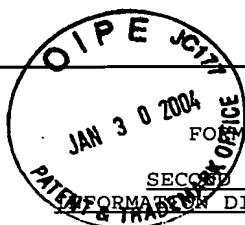
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PTO-1449

SECOND SUPPLEMENTAL
INFORMATIONAL DISCLOSURE STATEMENTATTY. DOCKET NO.
1744.0920001APPLICATION NO.
09/550,642APPLICANTS
Sorrells et al.FILING DATE
April 14, 2000GROUP
2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
CO	AA52	6,560,301 B1	05/2003	Cook et al.			
	AB52	6,098,046	08/2000	Cooper et al.			
	AC52	5,564,097	10/1996	Swanke			
	AD52	5,898,912	04/1999	Heck et al.			
	AE52	4,660,164	04/1987	Leibowitz			
	AF52	6,580,902 B1	06/2003	Sorrells et al.			
	AG52	4,857,928	08/1989	Gailus et al.			
	AH52	5,389,839	02/1995	Heck			
	AI52	5,471,665	11/1995	Pace et al.			

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CO	AN	59	Simoni, A. et al., "A Single-Chip Optical Sensor with Analog Memory for Motion Detection," <i>IEEE Journal of Solid-State Circuits</i> , IEEE, Vol. 30, No. 7, pp. 800-806 (July 1995).
	AO		
	AP		
	AQ		
	AR		

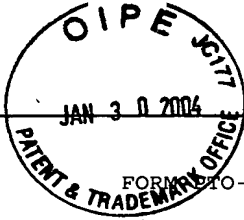
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FORM PTO-1449 <u>SECOND SUPPLEMENTAL</u> <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 1744.0920001	APPLICATION NO. 09/550,642
	APPLICANTS Sorrells et al.	
	FILING DATE April 14, 2000	GROUP 2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
CP	AA53	6,327,313 B1	12/2001	Traylor <i>et al.</i>			
	AB53	5,751,154	05/1998	Tsugai			
	AC53	5,793,817	08/1998	Wilson			
	AD53	6,225,848 B1	05/2001	Tilley <i>et al.</i>			
	AE53	6,313,685 B1	11/2001	Rabii			
	AF53	3,614,627	10/1971	Runyan <i>et al.</i>			
	AG53	3,940,697	02/1976	Morgan			
	AH53	4,016,366	04/1977	Kurata			
	AI53	4,045,740	08/1977	Baker			

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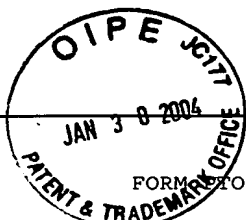
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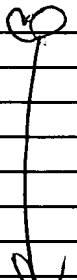
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FORM PTO-1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1744.0920001	APPLICATION NO. 09/550,642
	APPLICANTS Sorrells et al.	
	FILING DATE April 14, 2000	GROUP 2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA54	4,115,737	09/1978	Hongu <i>et al.</i>			
	AB54	5,710,992	01/1998	Sawada <i>et al.</i>			
	AC54	5,790,587	08/1998	Smith <i>et al.</i>			
	AD54	4,740,675	04/1988	Brosnan <i>et al.</i>			
	AE54	5,483,600	01/1996	Werrbach			
	AF54	6,011,435	01/2000	Takeyabu <i>et al.</i>			
	AG54	6,321,073 B1	11/2001	Luz <i>et al.</i>			
	AH54	6,634,555 B1	10/2003	Sorrells <i>et al.</i>			
	AI54	3,736,513	05/1973	Wilson			

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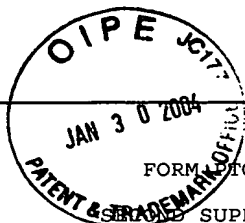
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EXAMINER C. W. S. Odo	DATE CONSIDERED 5/27/04
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FORM PTO-1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1744.0920001	APPLICATION NO. 09/550,642
	APPLICANTS Sorrells et al.	
	FILING DATE April 14, 2000	GROUP 2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
CP ↓	AA55	4,488,119	12/1984	Marshall			
	AB55	4,633,510	12/1986	Suzuki <i>et al.</i>			
	AC55	5,369,789	11/1994	Kosugi <i>et al.</i>			
	AD55	5,416,449	05/1995	Joshi			
	AE55	5,438,329	08/1995	Gastouniotis <i>et al.</i>			
	AF55	6,611,569 B1	08/2003	Schier <i>et al.</i>			
	AG55	6,647,250 B1	11/2003	Bultman <i>et al.</i>			
	AH55	5,682,099	10/1997	Thompson <i>et al.</i>			
	AI55	6,094,084	07/2000	Abou-Allam <i>et al.</i>			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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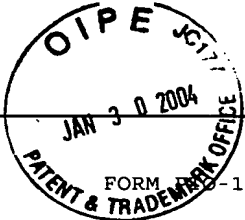
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FORM 1-1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1744.0920001	APPLICATION NO. 09/550,642
	APPLICANTS Sorrells et al.	
	FILING DATE April 14, 2000	GROUP 2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
CP ↓	AA56	6,067,329	05/2000	Kato et al.			
	AB56	6,516,185 B1	02/2003	MacNally			
	AC56	6,608,647 B1	08/2003	King			
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FOREIGN PATENT DOCUMENTS

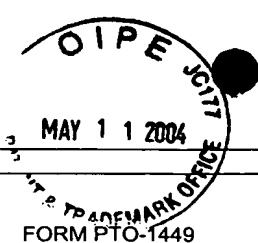
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EXAMINER <i>Curtis Ado</i>	DATE CONSIDERED <i>5/27/04</i>
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THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1744.0920001	APPLICATION NO. 09/550,642
	INVENTORS SORRELLS <i>et al.</i>	
	FILING DATE April 14, 2000	ART UNIT 2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
CO ↓	AD56	6,687,493 B1	02/2004	Sorrells <i>et al.</i>			RECEIVED MAY 14 2004 Technology Center 2600
	AE56	6,694,128 B1	02/2004	Sorrells <i>et al.</i>			
	AF56	6,031,217	02/2000	Aswell <i>et al.</i>			
	AG56	5,955,992	09/1999	Shattil			
	AH56	5,999,561	12/1999	Naden <i>et al.</i>			
	AI56	6,686,879 B2	02/2004	Shattil			

FOREIGN PATENT DOCUMENTS

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	AJ						Yes No
	AK						Yes No
	AL23	DE 196 48 915 A1	06/1998	DE			Yes (Doc. AO59)
	AM						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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CO	AO	59	English Translation of German Patent Publication No. DE 196 48 915 A1, 10 pages.
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EXAMINER Curtis Ado	DATE CONSIDERED 5/22/04
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FORM PTO-1449

THIRD SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
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April 14, 2000ART UNIT
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CP	AA57	6,704,549 B1	03/2004	Sorrells <i>et al.</i>			
	AB57	6,704,558 B1	03/2004	Sorrells <i>et al.</i>			
	AC57	5,490,176	02/1996	Peltier			
	AD57	5,970,053	10/1999	Schick <i>et al.</i>			
	AE57	6,078,630	06/2000	Prasanna			
	AF57	6,600,911 B1	07/2003	Morishige <i>et al.</i>			
	AG57	5,179,731	01/1993	Tränkle <i>et al.</i>			
	AH57	5,589,793	12/1996	Kassapian			
	AI57	4,510,467	04/1985	Chang <i>et al.</i>			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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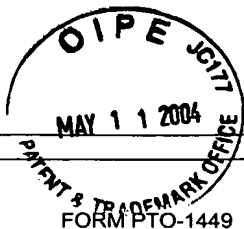
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CP ↓ N	AA58	4,772,853	09/1988	Hart			
	AB58	4,972,436	11/1990	Halim <i>et al.</i>			
	AC58	5,012,245	04/1991	Scott <i>et al.</i>			
	AD58	5,422,909	06/1995	Love <i>et al.</i>			
	AE58	5,440,311	08/1995	Gallagher <i>et al.</i>			
	AF58	5,926,513	07/1999	Suominen <i>et al.</i>			
	AG58	5,995,030	11/1999	Cabler			
	AH58	6,047,026	04/2000	Chao <i>et al.</i>			
	AI58	6,049,573	04/2000	Song			

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA59	6,076,015	06/2000	Hartley <i>et al.</i>			
	AB59	6,144,331	11/2000	Jiang			
	AC59	6,018,553	01/2000	Sanielevici <i>et al.</i>			
	AD59	6,317,589 B1	11/2001	Nash			
	AE59	5,058,107	10/1991	Stone <i>et al.</i>			
	AF59	5,757,858	05/1998	Black <i>et al.</i>			
	AG59	6,531,979 B1	03/2003	Hynes			
	AH59	6,018,262	01/2000	Noro <i>et al.</i>			
	AI59	4,761,798	08/1988	Griswold, Jr. <i>et al.</i>			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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FORM PTO-1449

THIRD SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1744.0920001


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09/550,642

INVENTORS
SORRELLS *et al.*

FILING DATE
April 14, 2000

ART UNIT
2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA60	5,982,315	11/1999	Bazarjani <i>et al.</i>			
	AB60	6,459,721 B1	10/2002	Mochizuki <i>et al.</i>			
	AC60	6,151,354	11/2000	Abbey			
	AD60	6,169,733 B1	01/2001	Lee			
	AE60	6,363,262 B1	03/2002	McNicol			
	AF60	6,697,603 B1	02/2004	Lovinggood <i>et al.</i>			
	AG60	5,282,222	01/1994	Fattouche <i>et al.</i>			
	AH60	5,949,827	09/1999	DeLuca <i>et al.</i>			
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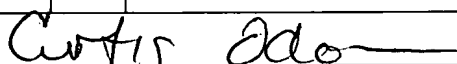
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